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2022 2nd Conference on High Performance Computing and Communication Engineering, HPCCE 2022

*Proceedings of SPIE - The International Society for Optical Engineering*, Volume 12605, 2023

Accession number

20234114851050

Publisher

SPIE

ISBN-13

9781510663374

ISSN

0277-786X

E-ISSN

1996756X

CODEN

PSISDG

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Abstract

The proceedings contain 59 papers. The topics discussed include: OpenCL driver implementation in the reworks operating system; research and application of keyword matching engine for online behavior; optimal cost scheduling of virtual power plant for new power system; cooperative compilation optimization of register allocation and thread management for AMDGPU; a study on the adaptive technology of intelligent learning system based on mobile terminal recognition; multi-branch power parameter monitoring system based on LoRa network; design and implementation of IEEE1588 clock synchronization system based on software and hardware collaboration; an intrusion detection model using extreme learning machine; Tonpilz transducers uniform linear array simulation analysis based on COMSOL with MATLAB; research on large-scale training optimization for transformer of domestic accelerator; and research on the vehicle distribution route based on commodity classification.

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Conference Information

Conference name: 2022 2nd Conference on High Performance Computing and Communication Engineering, HPCCE 2022

Conference date: December 16, 2022 - December 18, 2022

Conference location: Harbin, China

Conference code: 192424

Bibliographic Information

Issue date: 2023

Publication year: 2023

Language: English

Sponsor: Academic Exchange Information Centre (AEIC); Department of CSE, Greater Noida Institute of Technology

Part number: 1 of 1

Abbreviated source title: Proc SPIE Int Soc Opt Eng

Issue title: 2022 2nd Conference on High Performance Computing and Communication Engineering, HPCCE 2022

Page count: 432

Abstract type: (Edited Abstract)

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